

Appln. No.: 09/630,534  
Amendment Dated March 18, 2004  
Reply to Office Action of January 14, 2004

MATP-598US

**Amendments to the Claims:** This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) In an apparatus for displaying program guide information on a grid showing a channel axis and a time axis, with each program positioned at a location in the grid representing a channel of transmission and a corresponding time of transmission, a method for rapidly accessing the program guide information at a desired new time of transmission, comprising the steps of:

(a) displaying the program guide information;

(b) placing at least one a plurality of time selection field-fields on the display, the plurality of time selection fields representing respective incremental time indexes having respectively different magnitudes;

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(c) highlighting with a cursor the at least one selecting one time selection field of the plurality of time selection fields;

(d) activating the at least one selected time selection field to determine the selected incremental time index after the highlighting step;

(e) determining an incremental time index in response to the activating step;

(f) calculating a new time of transmission for display based on the by adding the selected incremental time index to one of the times of transmission currently displayed; and

(gf) displaying the program guide information at the new time of transmission.

2. (Currently Amended) The method of claim 1 wherein the at least one plurality of time selection field-fields includes one of a page field, a day field and a date field; and

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the page field is adapted to provide a six-hour time index, the day field is adapted to provide a 24-hour time index, and the date field is adapted to provide a seven-day time index.

3. (Currently Amended) The method of claim 2 wherein step (d) determines a magnitude of the selected incremental time index and the method further includes the step of activating one of first and second direction inputs to determine an arithmetic sign of the selected incremental time index~~the at least one time selection field to index forward in time and backwards in time.~~

4. (Currently Amended) The method of claim 1, wherein step (gf) includes displaying the program guide information at a current time of transmission, if the calculated new time of transmission is earlier than the current time of transmission.

5. (Currently Amended) The method of claim 1 wherein step (gf) includes displaying the program guide information at a latest time of transmission, if the calculated new time of transmission is later than the latest time of transmission, the latest time of transmission corresponding to the latest program guide information stored in the apparatus.

6. (Original) The method of claim 1 wherein the apparatus is implemented in a set top box.

7. (Currently Amended) The method of claim 1 wherein the apparatus includes a computer coupled ~~on~~ to a network for receiving program guide information from the network.

8. (Currently Amended) An apparatus for displaying program guide information on a grid showing a channel axis and a time axis, with each program positioned at a location in the grid representing a channel of transmission and a corresponding time of transmission, the apparatus comprising

a display for displaying the program guide information for a current time interval;

a memory device for storing the program guide information; and

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a processor for processing software for accessing the program guide information, the software including:

at least one a plurality of time selection field-fields for selecting respective incremental time indexes responsive to an action input, the respective incremental time indexes having respectively different magnitudes;

a calculator for calculating a new time of transmission for display by adding the selected incremental time index to a time value in the current time interval;

wherein, the display displays the program guide information for the new time of transmission for accessing the program guide information at predetermined time interval from the transmission time displayed on the display;

a time index provided in response to the at least one time selection field for determining the predetermined time interval; and

a calculator for calculating a new time of transmission for display based on the time index;

9. (Currently Amended) The apparatus of claim 8 wherein the at least one plurality of time selection field-fields includes a page field, and

the selected incremental time index is adapted to provide a six-hour incremental time index when the page field is selected.

10. (Currently Amended) The apparatus of claim 8-9 wherein the at least one plurality of time selection field-fields further includes a day field, and

the selected incremental time index is adapted to provide a 24-hour incremental time index when the day field is selected.

11. (Currently Amended) The apparatus of claim 8-10 wherein the at least one plurality of time selection field-fields includes a date field, and

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the selected incremental time index is adapted to provide a seven-day incremental time index when the date field is selected.

12. (Currently Amended) The apparatus of claim 8 wherein the time selection fields determine a magnitude of the selected incremental time index and the apparatus further includes first and second direction inputs for selecting an arithmetic sign of the selected incremental time index ~~indexing the at least one time selection field forward in time and backwards in time.~~

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13. (Original) The apparatus of claim 8 wherein the calculator limits the program guide information at current time of transmission, if the calculated new time of transmission is earlier than the current time of transmission.

14. (Original) The apparatus of claim 8 wherein the calculator limits displaying the program guide information at a latest time of transmission, if the calculated new time of transmission is later than the latest time of transmission, the latest time of transmission corresponding to the latest program guide information stored in the memory device.

15. (Original) The apparatus of claim 14 wherein the apparatus is a set top box.